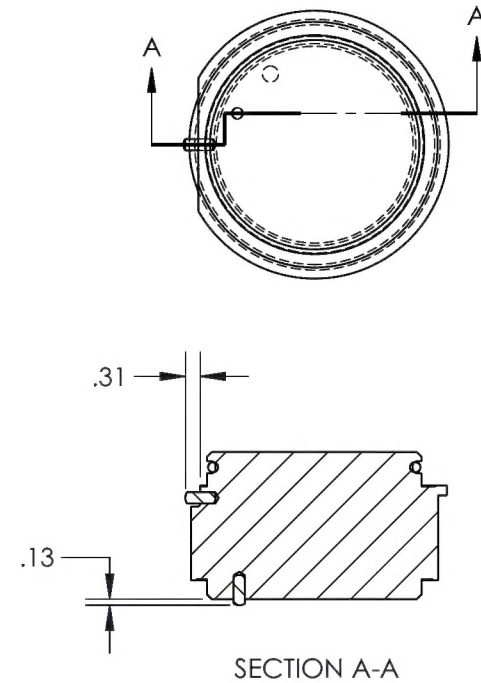
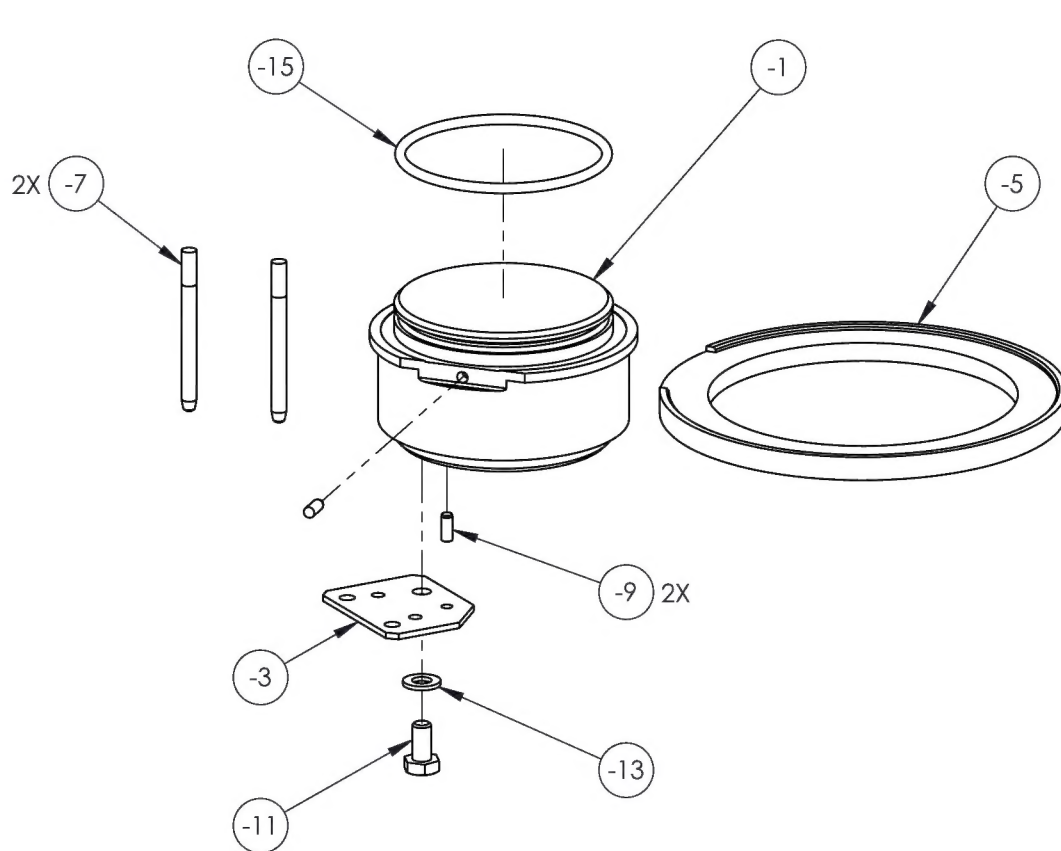


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	6/26/2015	DPD	JAG



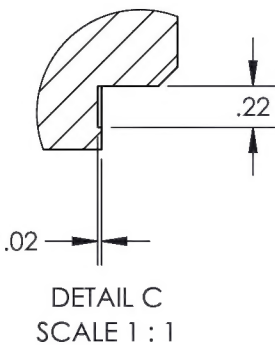
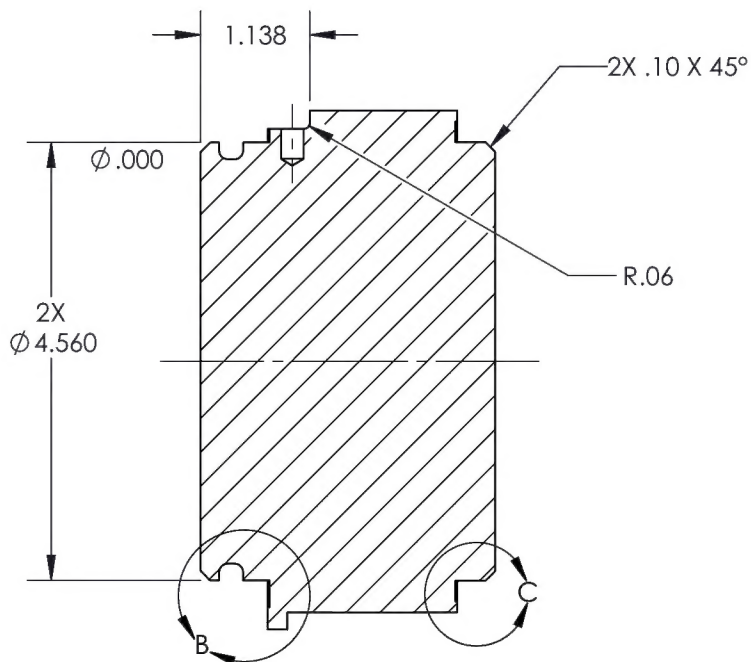
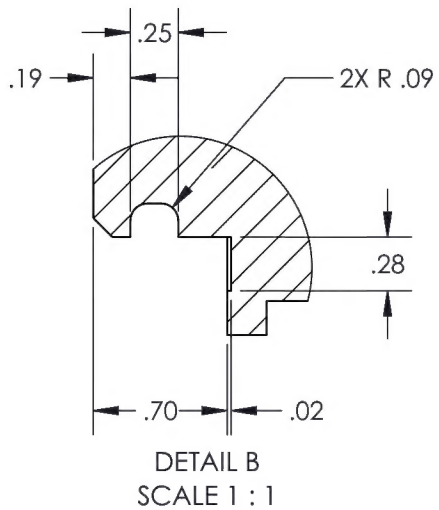
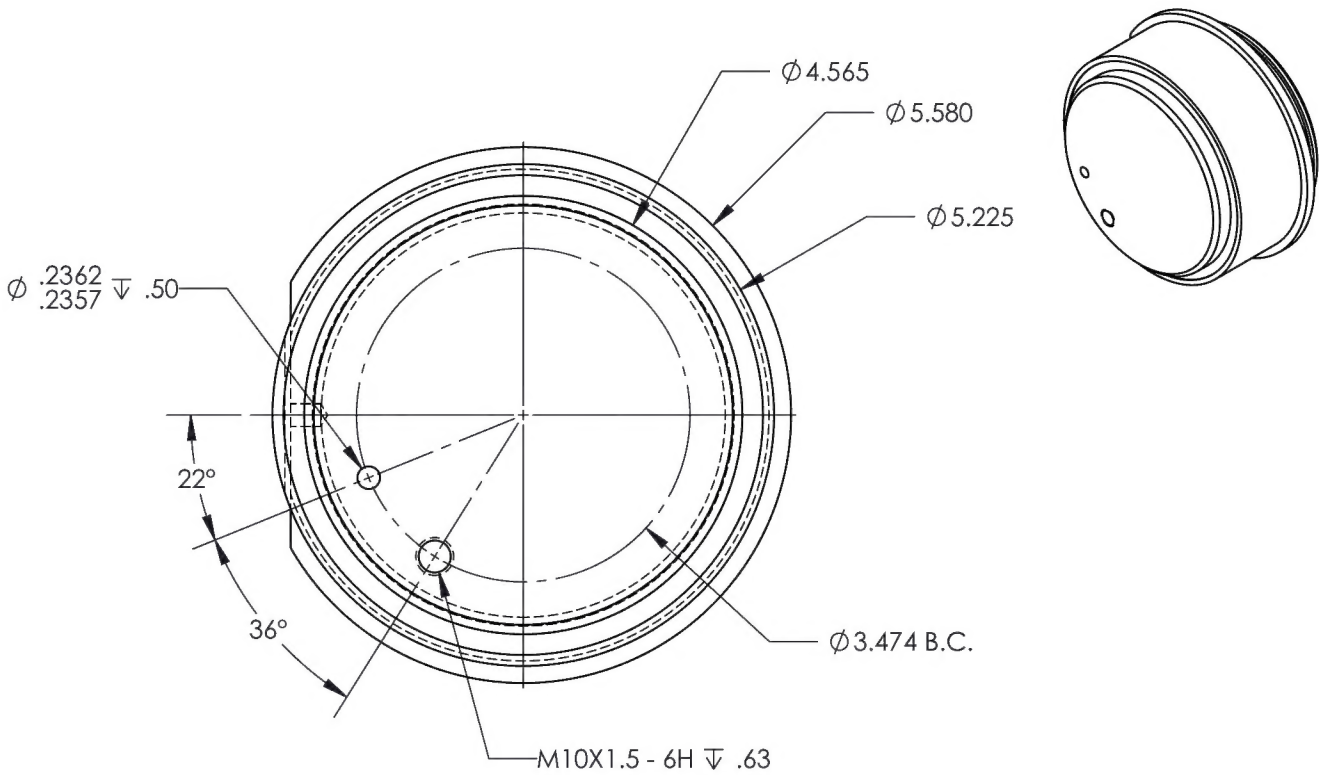
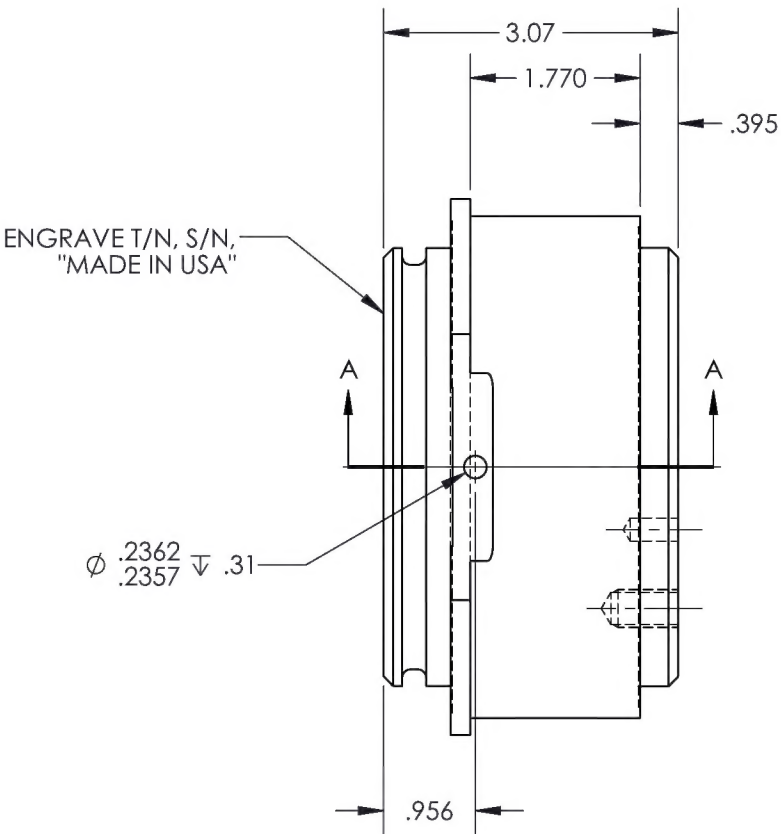
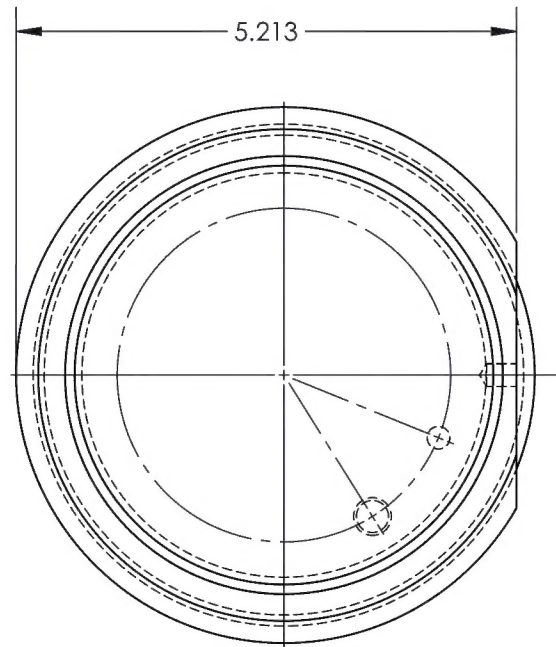
NOTE:  
REF. EUROCOPTER T/N: 350A93-3722-01.

ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		-1	1	BODY	6061		2
		-3	1	PLATE	1018/1020		3
		-5	1	RING	6061		4
		-7	2	PIN	4140/4142		5
	B/O	-9	2	DOWEL PIN	STEEL	M6 X 16mm (MCMASTER-CARR #91595A446)	1
	B/O	-11	1	HEX HEAD CAP SCREW	STEEL	M10x1.5mm X 20mm (MCMASTER-CARR #91280A626)	1
	B/O	-13	1	WASHER	STEEL	M10 (MCMASTER-CARR #91166A280)	1
	B/O	-15	1	O-RING	BUNA-N	Ø3/16 C.S. X Ø4-1/8 I.D., AS568A-346 (MCMASTER-CARR #9452K216)	1

DART AEROSPACE			
TITLE TOOL, UPPER MAST BEARING REPLACEMENT			
DWG NO. RBE350A93-3722-01			REV 1
MAT'L		DRAWN BY: DUERFELDT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>J Gilbert</i>	
.XXX ± .005		HEAT TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45°		USED ON MODEL	
OR .015R		EUROCOPTER AS350, AS355, EC130	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	1:4	DATE	6/23/2015
		SHEET 1 OF 5	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED

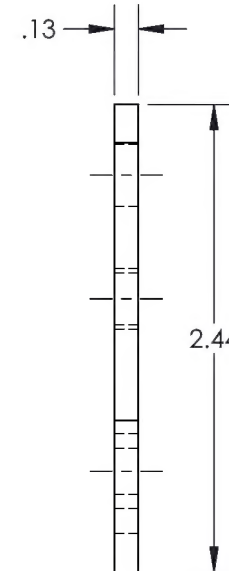
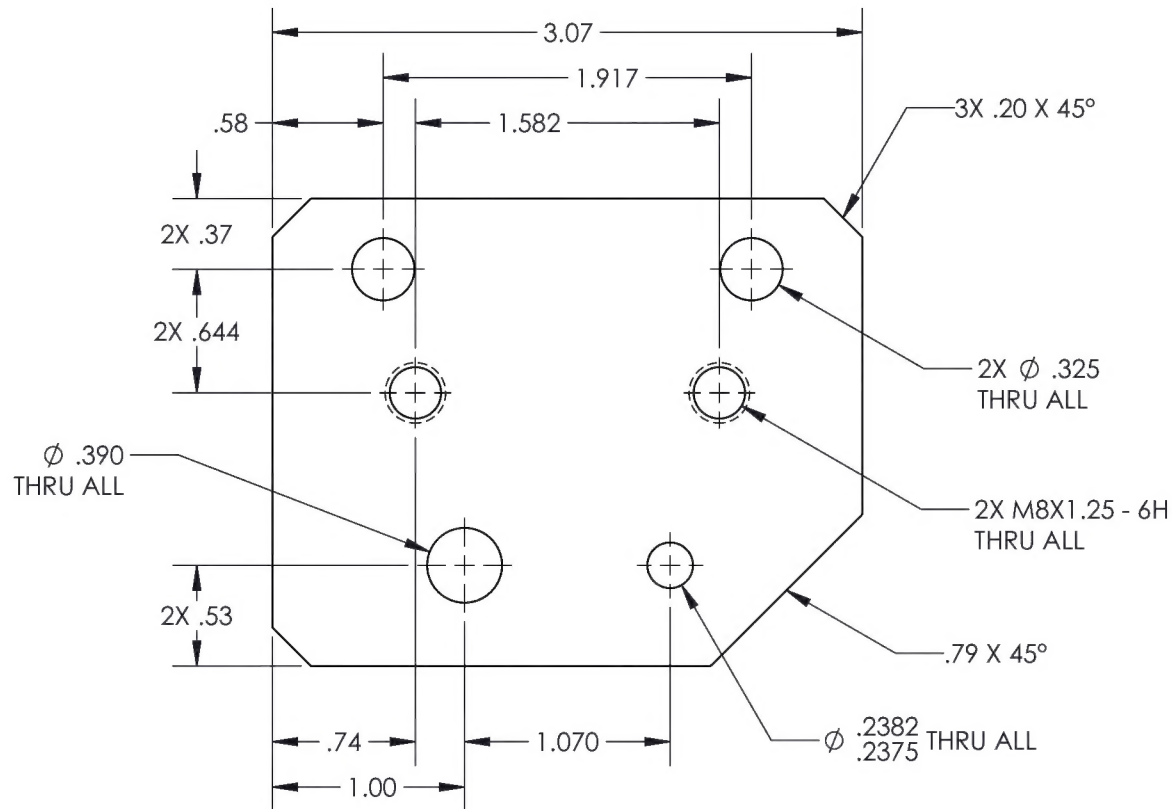
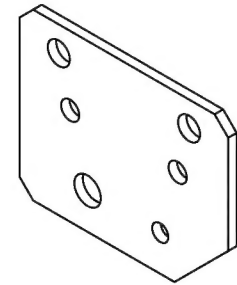


SECTION A-A  
①  
BODY

DART AEROSPACE			
TITLE		TOOL, UPPER MAST BEARING REPLACEMENT	
DWG NO.		RBE350A93-3722-01-1	REV 1
MAT'L 6061		DRAWN BY: DUERFELDT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>J. Gilbert</i>	
.XXX ± .005		TREAT	
.XX ± .01		FINISH	
.X ± .1		CLEAR ANODIZE	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		SPEC MIL-A-8625F, TYPE II, CLASS I	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL	
SCALE 1:2		DATE 6/23/2015	
		SHEET 2 OF 5	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED

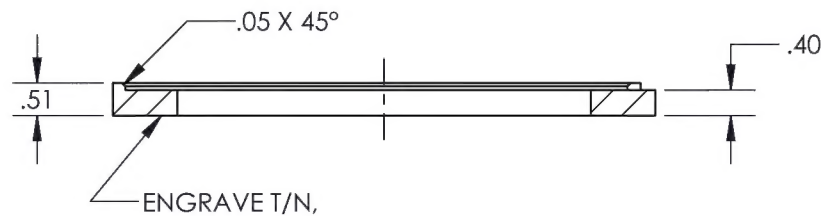
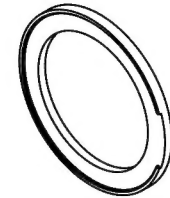
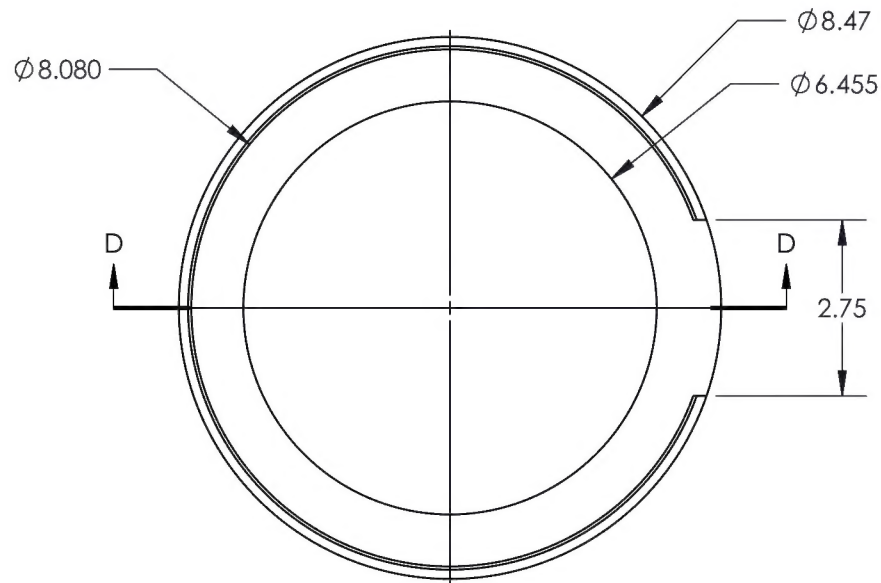


(-3)  
PLATE

<b>DART</b> AEROSPACE	
TITLE TOOL, UPPER MAST BEARING REPLACEMENT	
DWG NO. RBE350A93-3722-01-3	REV 1
MAT'L 1018/1020	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J Gilbert</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER AS350, AS355, EC130
SCALE 1:1	DATE 6/23/2015
SHEET 3 OF 5	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



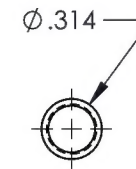
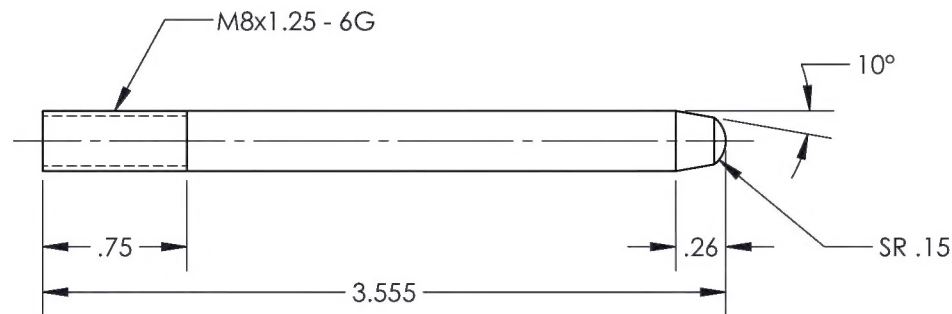
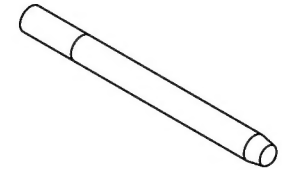
SECTION D-D

(-5)  
RING

<b>DART</b> AEROSPACE	
TITLE TOOL, UPPER MAST BEARING REPLACEMENT	
DWG NO. RBE350A93-3722-01-5	REV 1
MAT'L 6061	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J Gilbert</i>
.XXX $\pm .005$	HEAT TREAT
.XX $\pm .01$	FINISH CLEAR ANODIZE
.X $\pm .1$	SPEC MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER AS350, AS355, EC130
SCALE 1:3	DATE 6/23/2015
SHEET 4 OF 5	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-7)

PIN

<b>DART AEROSPACE</b>	
TITLE TOOL, UPPER MAST BEARING REPLACEMENT	
DWG NO. RBE350A93-3722-01-7	REV 1
MAT'L 4140/4142	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J Gilbert</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER AS350, AS355, EC130
SCALE 1:1	DATE 6/23/2015
SHEET 5 OF 5	